

**COMPREHENSIVE RESPONSE TO COMMENTS ON
HUMAN HEALTH RISK ASSESSMENT AOC-4
FALCON REFINERY SUPERFUND SITE**

U.S. Environmental Protection Agency (EPA) Comments Received on 30 April 2014

EPA General Comment No. 1 (4-30-14):

Please provide available information on anticipated future use. Discuss zoning, deed restrictions, and future plans for the site.

EA Response: Available information about anticipated future use, zoning, and any deed restrictions has been included in the Exposure Assessment section.

EPA General Comment No. 2 (4-30-14):

Please provide information on the groundwater classification, wells in the area, location of nearby groundwater plumes and use of city water.

EA Response: Information on ground water classification wells in the area, location of nearby ground water plumes, and the availability of city water has been added to the Human Health Risk Assessment (HHRA) for AOC-4.

EPA General Comment No. 3 (4-30-14):

Data tables that include all media sampling results for this AOC need to be provided or cited.

EA Response: All data tables have been provided in Appendix A of the HHRA.

EPA General Comment No. 4 (4-30-14):

In the conclusion section provide a list of all COPCs that have results in the cancer risk range. A discussion of each of these COPCs should also be included.

EA Response: Each chemical of potential concern (COPC) that contributes to the cancer risk results have been included in the conclusion section. A discussion of COPCs with cancer risk results above 10^{-6} have been included.

EPA Specific Comment No. 6 (4-30-14):

Section 2.1.3 and Table 1: The footnotes shown in table one list the source of screening toxicity values as the Maryland Dept. of the Environment. Section 2.1.3 says values are from the RSL tables. Footnote 5 in table one says ARAR values come from RSL tables. Please revise footnotes.

EA Response: The screening criteria were taken from the EPA Regional Screening Level (RSL) table. The footnotes have been revised to only identify the RSL tables.

EPA Specific Comment No. 7 (4-30-14):

Table 1, 2, 3: If no background soil values are available show a comparison to Texas specific background soil concentrations. If this is done then Selenium is under background levels. Please confirm that no ARARs need to be considered.

EA Response: Background soil values are available for the Falcon Refinery Superfund Site. These values have been included in the screening tables.